Student Name: _____ **Score:**

Use unit circle to find the missing ratios

Sheet 1

Let $\cos\theta = -\frac{7}{25}, 90^0 < \theta < 180^0$

Find the value of a given trigonometric ratio using unit circles:

$\sin\theta =$

$\tan\theta =$

$\sec\theta =$

$\csc\theta =$

$\cot\theta =$

Student Name: _____ **Score:**

Answer key

Use unit circle to find the missing ratios

Sheet 1

Let $\cos\theta = -\frac{7}{25}, 90^0 < \theta < 180^0$

Find the value of a given trigonometric ratio using unit circles:

$\sin\theta = \frac{24}{25}$

$\tan\theta = -\frac{24}{7}$

$\sec\theta = -\frac{25}{7}$

$\csc\theta = \frac{25}{24}$

$\cot\theta = -\frac{7}{24}$